

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2498071
<b>Application Number:</b>	10625363
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	8229
<b>Title of Invention:</b>	Generation and validation of short digital signatures with implicit message embedding
<b>First Named Inventor/Applicant Name:</b>	Ramarathnam Venkatesan
<b>Customer Number:</b>	22801
<b>Filer:</b>	Beatrice L. Koempel-Thomas/Megan Arnold
<b>Filer Authorized By:</b>	Beatrice L. Koempel-Thomas
<b>Attorney Docket Number:</b>	MS1-1285US
<b>Receipt Date:</b>	21-NOV-2007
<b>Filing Date:</b>	23-JUL-2003
<b>Time Stamp:</b>	12:29:27
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1		1285us.pdf	956679	yes	36
			ad7c5bdaee9b5d18336225a69c1d16e1e35453ba9		

Multipart Description/PDF files in .zip description			
Document Description		Start	End
Miscellaneous Incoming Letter		1	1
Amendment After Final		2	3
Claims		4	12
Applicant Arguments/Remarks Made in an Amendment		13	36

**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>	956679
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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.